

SEQUENCE LISTING

<110> Kingsbury, G.
Leiby, K.

<120> COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF IMMUNE DISORDERS

<130> 7853-158

<140> To be assigned

<141> 2000-04-28

<150> 60/155,862

<151> 1999-09-24

<160> 33

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<213> Homo sapiens

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Leu	Cys	Ile	Tyr	Gly	Arg	Asp	Met	Leu	Pro	Gly	Glu	Asp	Val	Val	Thr
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Ala	Val	Glu	Thr	Asn	Ile	Arg	Lys	Ser	Arg	Arg	His	Ile	Phe	Ile	Leu
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Thr	Pro	Gln	Ile	Thr	His	Asn	Lys	Glu	Phe	Ala	Tyr	Glu	Gln	Glu	Val
	450					455					460				
Ala	Leu	His	Cys	Ala	Leu	Ile	Gln	Asn	Asp	Ala	Lys	Val	Ile	Leu	Ile
465					470					475					480
Glu	Met	Glu	Ala	Leu	Ser	Glu	Leu	Asp	Met	Leu	Gln	Ala	Glu	Ala	Leu
			485						490					495	
Gln	Asp	Ser	Leu	Gln	His	Leu	Met	Lys	Val	Gln	Gly	Thr	Ile	Lys	Trp
		500						505					510		
Arg	Glu	Asp	His	Ile	Ala	Asn	Lys	Arg	Ser	Leu	Asn	Ser	Lys	Phe	Trp
	515						520					525			
Lys	His	Val	Arg	Tyr	Gln	Met	Pro	Val	Pro	Ser	Lys	Ile	Pro	Arg	Lys
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<210> 9
 <211> 328
 <212> PRT
 <213> Homo sapiens

<400> 9

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			20					25					30		
Ile	Val	Arg	Cys	Pro	Arg	Gln	Gly	Lys	Pro	Ser	Tyr	Thr	Val	Asp	Trp
	35						40					45			
Tyr	Tyr	Ser	Gln	Thr	Asn	Lys	Ser	Ile	Pro	Thr	Gln	Glu	Arg	Asn	Arg
	50				55						60				
Val	Phe	Ala	Ser	Gly	Gln	Leu	Leu	Lys	Phe	Leu	Pro	Ala	Glu	Val	Ala
65					70					75					80
Asp	Ser	Gly	Ile	Tyr	Thr	Cys	Ile	Val	Arg	Ser	Pro	Thr	Phe	Asn	Arg
			85						90					95	
Thr	Gly	Tyr	Ala	Asn	Val	Thr	Ile	Tyr	Lys	Lys	Gln	Ser	Asp	Cys	Asn
		100						105					110		
Val	Pro	Asp	Tyr	Leu	Met	Tyr	Ser	Thr	Val	Ser	Gly	Ser	Glu	Lys	Asn
	115						120					125			
Ser	Lys	Ile	Tyr	Cys	Pro	Thr	Ile	Asp	Leu	Tyr	Asn	Trp	Thr	Ala	Pro
	130					135					140				
Leu	Glu	Trp	Phe	Lys	Asn	Cys	Gln	Ala	Leu	Gln	Gly	Ser	Arg	Tyr	Arg
145				150						155					160
Ala	His	Lys	Ser	Phe	Leu	Val	Ile	Asp	Asn	Val	Met	Thr	Glu	Asp	Ala
			165						170					175	
Gly	Asp	Tyr	Thr	Cys	Lys	Phe	Ile	His	Asn	Glu	Asn	Gly	Ala	Asn	Tyr
		180						185					190		
Ser	Val	Thr	Ala	Thr	Arg	Ser	Phe	Thr	Val	Lys	Asp	Glu	Gln	Gly	Phe
	195						200					205			
Ser	Leu	Phe	Pro	Val	Ile	Gly	Ala	Pro	Ala	Gln	Asn	Glu	Ile	Lys	Glu
210						215						220			

Val Glu Ile Gly Lys Asn Ala Asn Leu Thr Cys Ser Ala Cys Phe Gly
 225 230 235 240
 Lys Gly Thr Gln Phe Leu Ala Ala Val Leu Trp Gln Leu Asn Gly Thr
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 Lys Ile Thr Asp Phe Gly Glu Pro Arg Ile Gln Gln Glu Glu Gly Gln
 260 265 270
 Asn Gln Ser Phe Ser Asn Gly Leu Ala Cys Leu Asp Met Val Leu Arg
 275 280 285
 Ile Ala Asp Val Lys Glu Glu Asp Leu Leu Leu Gln Tyr Asp Cys Leu
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 Ala Leu Asn Leu His Gly Leu Arg Arg His Thr Val Arg Leu Ser Arg
 305 310 315 320
 Lys Asn Pro Ser Lys Glu Cys Phe
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 <213> Homo sapiens

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 ttccacagca gcaaagttta gtaaacaatc atggggcctg gaaaatgagg ctttaattgt 300
 aagatgtcct agacaaggaa aacctagtta caccgtggat tgggtattact cacaacaaa 360
 caaaagtatt ccactcagg aaagaaatcg tgtgtttgcc tcaggccgac ttctgaagtt 420
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 <212> PRT
 <213> Homo sapiens

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Ser	Tyr	Thr	Val	Asp	Trp	Tyr	Tyr	Ser	Gln	Thr	Asn	Lys	Ser	Ile	Pro			
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act	cag	gaa	aga	aat	cgt	gtg	ttt	gcc	tca	ggc	caa	ctt	ctg	aag	ttt	305		
Thr	Gln	Glu	Arg	Asn	Arg	Val	Phe	Ala	Ser	Gly	Gln	Leu	Leu	Lys	Phe			
60						65				70								
cta	cca	gct	gca	gtt	gct	gat	tct	ggg	att	tat	acc	tgt	att	gtc	aga	353		
Leu	Pro	Ala	Ala	Val	Ala	Asp	Ser	Gly	Ile	Tyr	Thr	Cys	Ile	Val	Arg			
75				80						85		90						
agt	ccc	aca	ttc	aat	agg	act	gga	tat	gcg	aat	gtc	acc	ata	tat	aaa	401		
Ser	Pro	Thr	Phe	Asn	Arg	Thr	Gly	Tyr	Ala	Asn	Val	Thr	Ile	Tyr	Lys			
				95				100						105				
aaa	caa	tca	gat	tgc	aat	gtt	cca	gat	tat	ttg	atg	tat	tca	aca	gta	449		
Lys	Gln	Ser	Asp	Cys	Asn	Val	Pro	Asp	Tyr	Leu	Met	Tyr	Ser	Thr	Val			
		110						115				120						
tct	gga	tca	gaa	aaa	aat	tcc	aaa	att	tat	tgt	cct	acc	att	gac	ctc	497		
Ser	Gly	Ser	Glu	Lys	Asn	Ser	Lys	Ile	Tyr	Cys	Pro	Thr	Ile	Asp	Leu			
		125				130						135						
tac	aac	tgg	aca	gca	cct	ctt	gag	tgg	ttt	aag	atg	agc	aag	gct	ttt	545		
Tyr	Asn	Trp	Thr	Ala	Pro	Leu	Glu	Trp	Phe	Lys	Met	Ser	Lys	Ala	Phe			
140						145				150								
ctc	tgt	ttc	cag	taatc	ggagc	ccctgc	cacaa	aatgaa	ataa	aggaagt	ggga					597		
Leu	Cys	Phe	Gln															
155																		
aattggcact			cagttcttgg			ctgccgtcct			gtggcagctt			aatggaacaa			aaattacaga			657
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<213> Homo sapiens
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Ala	Ala	Lys	Phe	Ser	Lys	Gln	Ser	Trp	Gly	Leu	Glu	Asn	Glu	Ala	Leu
			20					25					30		
Ile	Val	Arg	Cys	Pro	Arg	Gln	Gly	Lys	Pro	Ser	Tyr	Thr	Val	Asp	Trp
		35					40					45			
Tyr	Tyr	Ser	Gln	Thr	Asn	Lys	Ser	Ile	Pro	Thr	Gln	Glu	Arg	Asn	Arg
	50					55					60				

Val	Phe	Ala	Ser	Gly	Gln	Leu	Leu	Lys	Phe	Leu	Pro	Ala	Ala	Val	Ala
65					70				75					80	
Asp	Ser	Gly	Ile	Tyr	Thr	Cys	Ile	Val	Arg	Ser	Pro	Thr	Phe	Asn	Arg
			85					90						95	
Thr	Gly	Tyr	Ala	Asn	Val	Thr	Ile	Tyr	Lys	Lys	Gln	Ser	Asp	Cys	Asn
			100				105						110		
Val	Pro	Asp	Tyr	Leu	Met	Tyr	Ser	Thr	Val	Ser	Gly	Ser	Glu	Lys	Asn
		115				120						125			
Ser	Lys	Ile	Tyr	Cys	Pro	Thr	Ile	Asp	Leu	Tyr	Asn	Trp	Thr	Ala	Pro
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 <210> 24
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